

# MOSA GE 4000 KDM



## Product description:

MOSA GE4000 KDM 3,6 KW

MOSA GE4000 KDM is a single-phase 3.6 KW generator set with a diesel-powered Kohler engine capable of delivering a power of 3.6 KW. The MOSA GE4000 KDM generator set is equipped with manual recoil starter. The MOSA GE4000 KDM generator set alternator is synchronous, single phase, self-excited, self-regulated and brushless with class H insulation.

MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 64 kg as well as the practical tubular handles.

The MOSA GE4000 KDM generator set with 4.3-liter tank has a fuel consumption of 1 liter/hour at 75% load for an autonomy of up to 4 hours.

The control panel consists of:

- Output sockets: 1x 230V 16A 2P+T CEE / 1x 230V 16A 2P+T Schuko
- Thermal circuit breaker for 230V/16A socket protection
- Ground terminal (PE)
- 12 Vdc output sockets (battery charger)
- 12Vdc output protection fuse

## Technical specifications MOSA GE4000 KDM :

Single-phase output Stand-by (LTP): 4 kVA (3.6 kW) / 230V / 17.4 A

Single-phase output PRP: 3.7 kVA (3.3 kW) / 230V / 16 A

Frequency 50 Hz

Cos?: 0.9

## MOTOR TECHNICAL DATA

Model: KOHLER - KD350

Net stand-by output: 4.6 kWm (6.3 hp)



Net PRP output: 4.3 kWm (5.8 hp )  
Cylinders / Displacement: 1 / 349 cm<sup>3</sup> (0. 349 l)  
Bore / Stroke: 82 / 66 (mm)  
Compression Ratio: 20.3 : 1  
RPM Adjuster: Mechanical

#### FUEL CONSUMPTION

110 % (Standby Power): 260 g/kWh - 1. 4 l/h  
100 % PRP: 260 g/kWh - 1.3 l/h  
75 % PRP: 260 g/kWh - 1 l/h  
50 % PRP: 260 g/kWh - 0. 6 l/h  
Cooling system: Air

Fan air flow rate: -5 m<sup>3</sup>/min

#### LUBRICATION

Oil capacity in sump 1.2 l.  
Oil consumption at full load: 0.005 l/h

#### ALTERNATOR

Continuous power: 4.2 kVA  
Standby power: 4. 6 kVA  
Single-phase voltage: 230 Vac  
Frequency: 50 Hz  
Cos?: 1  
Voltage regulation accuracy:  $\pm 5$  %  
Sustained short-circuit current: 3 In  
Transient Cdt (100 % of load): Efficiency at 100 % of load: 75 % (230V - Cos ? 1)  
Isolation: Class H  
Connection - Terminals: Series - No. 2  
Electromagnetic Compatibility (Radio Interference Suppression): EN55011  
Harmonic Distortion - THD: Protection Degree: IP 23  
Cooling Air Flow: 0. 062 m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609b - N°1

#### GENERAL SPECIFICATIONS

Tank capacity: 4.3 l.  
Run time (75% PRP): 4. 3 h  
Acoustic power LwA (LpA pressure): 99 dB(A) (74 dB(A) @ 7m)  
Performance class: G2  
Length: 650 mm  
Width: 490 mm  
Height: 520 mm  
Weight: 64 kg

#### Features:

- Starting recoil start
- Engine complete with tank and silencer



- Thermal protection for overcurrent
- Battery charger 12 Vdc - 10 A with protection fuse
- Capacitor alternator
- Thermal circuit breaker socket protection
- Fully protective open stretcher
- Portable
- Complies with EC safety directives

If you are looking for another product like the MOSA GE4000 KDM generator set then you can browse our catalog for more terrestrial generator sets.

Images and technical data are not binding.

#### **Product features:**

Phase: Single phase

Maximum power single phase (KW): 3.6

Continuous power single phase (KW): 3.3

Maximum power single phase (KVA): 4

Continuous power single phase (KVA): 3.7

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Sockets configuration: 1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T SCHUKO

Engine: KOHLER KD 350, 4 stroke

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Ignition: Recoil

Starting system: Pull starter

Engine capacity (cm<sup>3</sup>): 349

Number cylinders: 1

Oil capacity (L): 1.2

Cooling: Air

Alternator: Synchronous self-excited, self-regulated, brushless

Bore x stroke (mm): 82 x 66

Compression ratio: 20.3 : 1